

Table 3B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by County

Comparison of Racial and Ethnic Distribution ⁽²⁾								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Adams	9	*	*	*	*	*	*	*
Barnes	44	*	*	*	*	*	*	*
Benson	123	7.3	0.0	1.6	89.4	0.8	0.8	0.0
Bottineau	16	*	*	*	*	*	*	*
Bowman	13	*	*	*	*	*	*	*
Burke	6	*	*	*	*	*	*	*
Burleigh	481	66.3	0.8	6.2	22.7	0.6	3.3	0.0
Cass	827	74.5	10.9	5.8	5.6	1.7	1.6	0.0
Cavalier	14	*	*	*	*	*	*	*
Dickey	35	*	*	*	*	*	*	*
Divide	5	*	*	*	*	*	*	*
Dunn	5	*	*	*	*	*	*	*
Eddy	7	*	*	*	*	*	*	*
Emmons	16	*	*	*	*	*	*	*
Foster	20	*	*	*	*	*	*	*
Golden Val	1	*	*	*	*	*	*	*
Grand Fork	585	70.6	5.1	9.9	8.4	2.1	3.9	0.0
Grant	5	*	*	*	*	*	*	*
Griggs	8	*	*	*	*	*	*	*
Hettinger	4	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

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Kidder	7	*	*	*	*	*	*	*
LaMoure	6	*	*	*	*	*	*	*
Logan	4	*	*	*	*	*	*	*
McHenry	17	*	*	*	*	*	*	*
McIntosh	18	*	*	*	*	*	*	*
McKenzie	7	*	*	*	*	*	*	*
McLean	27	*	*	*	*	*	*	*
Mercer	19	*	*	*	*	*	*	*
Morton	125	75.2	0.0	4.8	16.0	0.8	3.2	0.0
Mountrail	6	*	*	*	*	*	*	*
Nelson	11	*	*	*	*	*	*	*
Pembina	32	*	*	*	*	*	*	*
Pierce	20	*	*	*	*	*	*	*
Ramsey	116	62.1	0.9	4.3	26.7	0.0	6.0	0.0
Ransom	36	*	*	*	*	*	*	*
Renville	3	*	*	*	*	*	*	*
Richland	98	*	*	*	*	*	*	*
Rolette	314	4.5	0.0	4.8	89.2	0.3	1.3	0.0
Sargent	19	*	*	*	*	*	*	*
Sheridan	8	*	*	*	*	*	*	*

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Stark	126	89.7	0.0	4.0	4.0	0.8	1.6	0.0
Steele	5	*	*	*	*	*	*	*
Stutsman	110	91.8	0.0	8.2	0.0	0.0	0.0	0.0
Towner	2	*	*	*	*	*	*	*
Traill	35	*	*	*	*	*	*	*
Walsh	110	61.8	0.9	31.8	3.6	0.9	0.9	0.0
Ward	562	76.7	2.1	6.8	7.8	1.6	4.8	0.2
Wells	18	*	*	*	*	*	*	*
Williams	116	79.3	0.0	6.0	5.2	0.9	7.8	0.9
North Dakota	4,201	67.8	3.4	7.3	17.5	1.2	2.7	0.0
Nation (Prior Year)	1,252,728	41.7	23.3	27.9	1.1	3.2	1.0	1.8

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

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Table 4B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by County

Comparison of Age Distribution ⁽²⁾								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Adams	9	*	*	*	*	*	*	*
Barnes	44	*	*	*	*	*	*	*
Benson	123	0.8	13.8	21.1	49.6	14.6	0.0	0.0
Bottineau	16	*	*	*	*	*	*	*
Bowman	13	*	*	*	*	*	*	*
Burke	6	*	*	*	*	*	*	*
Burleigh	481	0.0	5.6	13.5	66.7	12.7	1.5	0.0
Cass	827	0.1	3.4	12.2	66.5	16.9	0.8	0.0
Cavalier	14	*	*	*	*	*	*	*
Dickey	35	*	*	*	*	*	*	*
Divide	5	*	*	*	*	*	*	*
Dunn	5	*	*	*	*	*	*	*
Eddy	7	*	*	*	*	*	*	*
Emmons	16	*	*	*	*	*	*	*
Foster	20	*	*	*	*	*	*	*
Golden Val	1	*	*	*	*	*	*	*
Grand Fork	585	0.0	3.6	11.5	68.9	15.0	1.0	0.0
Grant	5	*	*	*	*	*	*	*
Griggs	8	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 4B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by County

Comparison of Age Distribution ⁽²⁾								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Hettinger	4	*	*	*	*	*	*	*
Kidder	7	*	*	*	*	*	*	*
LaMoure	6	*	*	*	*	*	*	*
Logan	4	*	*	*	*	*	*	*
McHenry	17	*	*	*	*	*	*	*
McIntosh	18	*	*	*	*	*	*	*
McKenzie	7	*	*	*	*	*	*	*
McLean	27	*	*	*	*	*	*	*
Mercer	19	*	*	*	*	*	*	*
Morton	125	0.0	4.8	10.4	66.4	17.6	0.8	0.0
Mountrail	6	*	*	*	*	*	*	*
Nelson	11	*	*	*	*	*	*	*
Pembina	32	*	*	*	*	*	*	*
Pierce	20	*	*	*	*	*	*	*
Ramsey	116	0.9	7.8	15.5	60.3	14.7	0.9	0.0
Ransom	36	*	*	*	*	*	*	*
Renville	3	*	*	*	*	*	*	*
Richland	98	*	*	*	*	*	*	*
Rolette	314	0.3	9.9	14.3	64.0	11.1	0.3	0.0

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

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North Dakota
Comparison of Age Distribution by County

Comparison of Age Distribution ⁽²⁾								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Sargent	19	*	*	*	*	*	*	*
Sheridan	8	*	*	*	*	*	*	*
Stark	126	0.0	3.2	15.1	63.5	14.3	4.0	0.0
Steele	5	*	*	*	*	*	*	*
Stutsman	110	0.0	6.4	19.1	57.3	15.5	1.8	0.0
Towner	2	*	*	*	*	*	*	*
Traill	35	*	*	*	*	*	*	*
Walsh	110	0.0	9.1	15.5	53.6	20.9	0.9	0.0
Ward	562	0.0	4.1	9.4	71.7	14.2	0.5	0.0
Wells	18	*	*	*	*	*	*	*
Williams	116	0.0	5.2	15.5	65.5	12.9	0.9	0.0
North Dakota	4,201	0.1	5.0	12.7	65.7	15.4	1.0	0.0
Nation (Prior Year)	1,252,728	0.4	6.5	12.7	59.9	19.0	1.4	0.1

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 5B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Health Indicators by County

Comparison of Maternal Health Indicators (2, 3)												
County	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum			
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Adams	8	* *	* *	8	* *	* *	0	* *	5	* *	8	* *
Barnes	40	* *	* *	37	* *	* *	11	* *	38	* *	40	* *
Benson	98	* *	* *	75	* *	* *	17	* *	34	* *	85	* *
Bottineau	10	* *	* *	9	* *	* *	3	* *	12	* *	15	* *
Bowman	12	* *	* *	11	* *	* *	2	* *	9	* *	10	* *
Burke	4	* *	* *	4	* *	* *	1	* *	5	* *	5	* *
Burleigh	439	9.3 (7)	49.7 (5)	381	20.7 (5)	44.1 (1)	68	* *	346	19.9 (2)	378	7.4 (6)
Cass	699	7.6 (4)	46.9 (3)	593	21.4 (6)	45.2 (2)	140	25.0 (1)	599	21.0 (3)	660	3.5 (3)
Cavalier	14	* *	* *	8	* *	* *	1	* *	4	* *	5	* *
Dickey	31	* *	* *	26	* *	* *	7	* *	26	* *	27	* *
Divide	3	* *	* *	3	* *	* *	0	* *	5	* *	4	* *
Dunn	5	* *	* *	4	* *	* *	0	* *	0	* *	3	* *
Eddy	6	* *	* *	6	* *	* *	3	* *	6	* *	7	* *
Emmons	13	* *	* *	13	* *	* *	1	* *	10	* *	15	* *
Foster	14	* *	* *	10	* *	* *	2	* *	11	* *	14	* *
Golden Val	0	* *	* *	0	* *	* *	0	* *	1	* *	1	* *
Grand Fork	470	6.8 (3)	50.4 (6)	362	17.4 (4)	48.3 (4)	89	* *	315	25.1 (5)	390	3.1 (2)

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(5) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

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2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Health Indicators by County

Comparison of Maternal Health Indicators (2, 3)													
County	Prepregnancy BMI (4)				Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum				
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	
Grant	5	* *	* *	4	* *	* *	0	* *	5	* *	5	* *	
Griggs	6	* *	* *	6	* *	* *	1	* *	6	* *	8	* *	
Hettinger	4	* *	* *	3	* *	* *	0	* *	1	* *	2	* *	
Kidder	5	* *	* *	4	* *	* *	1	* *	6	* *	6	* *	
LaMoure	6	* *	* *	4	* *	* *	0	* *	6	* *	5	* *	
Logan	3	* *	* *	3	* *	* *	0	* *	1	* *	3	* *	
McHenry	13	* *	* *	12	* *	* *	2	* *	11	* *	15	* *	
McIntosh	16	* *	* *	14	* *	* *	4	* *	4	* *	1	* *	
McKenzie	6	* *	* *	5	* *	* *	0	* *	3	* *	5	* *	
McLean	22	* *	* *	20	* *	* *	4	* *	21	* *	20	* *	
Mercer	17	* *	* *	14	* *	* *	4	* *	15	* *	16	* *	
Morton	110	10.9 (9)	41.8 (1)	83	* *	* *	18	* *	88	* *	94	* *	
Mountrail	4	* *	* *	1	* *	* *	0	* *	2	* *	3	* *	
Nelson	7	* *	* *	7	* *	* *	1	* *	7	* *	7	* *	
Pembina	29	* *	* *	23	* *	* *	7	* *	12	* *	24	* *	
Pierce	19	* *	* *	15	* *	* *	3	* *	13	* *	15	* *	
Ramsey	113	8.0 (5)	52.2 (7)	104	16.3 (2)	50.0 (5)	16	* *	90	* *	101	3.0 (1)	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(5) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 5B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Health Indicators by County

Comparison of Maternal Health Indicators (2, 3)												
County	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum			
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)		
Ransom	27	* *	* *	22	* *	* *	7	* *	20	* *	32	* *
Renville	2	* *	* *	2	* *	* *	0	* *	0	* *	3	* *
Richland	79	* *	* *	58	* *	* *	10	* *	51	* *	70	* *
Rolette	292	6.5 (2)	53.4 (8)	275	17.1 (3)	50.2 (6)	22	* *	206	24.3 (4)	255	5.1 (5)
Sargent	19	* *	* *	17	* *	* *	3	* *	13	* *	15	* *
Sheridan	6	* *	* *	6	* *	* *	0	* *	4	* *	8	* *
Stark	112	6.3 (1)	49.1 (4)	95	* *	* *	35	* *	53	* *	93	* *
Steele	4	* *	* *	4	* *	* *	3	* *	4	* *	2	* *
Stutsman	88	* *	* *	74	* *	* *	18	* *	66	* *	82	* *
Towner	2	* *	* *	2	* *	* *	0	* *	1	* *	2	* *
Traill	31	* *	* *	24	* *	* *	5	* *	23	* *	26	* *
Walsh	101	8.9 (6)	59.4 (9)	89	* *	* *	15	* *	55	* *	73	* *
Ward	461	10.4 (8)	44.5 (2)	385	15.8 (1)	48.1 (3)	96	* *	354	12.7 (1)	406	4.7 (4)
Wells	18	* *	* *	15	* *	* *	1	* *	11	* *	12	* *
Williams	93	* *	* *	70	* *	* *	42	* *	60	* *	69	* *
North Dakota	3,586	7.9	49.2	3,010	18.2	48.0	663	26.7	2,638	20.4	3,145	5.3
											3,143	10.8

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(5) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 5B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Health Indicators by County

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Comparison of Maternal Health Indicators ^(2, 3)										
County	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)		Gestational Diabetes During Pregnancy	Hypertension During Pregnancy
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)
Nation (Prior Year)	1,175,574	10.9	44.5	922,658	25.0	42.8	180,176	33.5	414,735	29.8
									230,547	3.9
									280,574	4.3

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(5) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 6B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators (2, 3)												
County	Medical Care					WIC Enrollment		Multivitamin Consumption				
	1st Trimester		No Care			1st Trimester		Pregpregnancy (4)		During Pregonancy (5)		
	Number	% (Rank)	% (Rank)			Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	
Adams	6	*	*	*	*	8	*	*	4	*	*	
Barnes	29	*	*	*	*	39	*	*	39	*	*	
Benson	80	*	*	*	*	98	*	*	40	*	*	
Bottineau	9	*	*	*	*	12	*	*	10	*	*	
Bowman	9	*	*	*	*	12	*	*	8	*	*	
Burke	4	*	*	*	*	3	*	*	4	*	*	
Burleigh	254	89.4 (2)	0.0 (1)			455	42.6 (5)		374	18.7 (5)	320	6.3 (4)
Cass	399	84.0 (4)	0.0 (1)			677	41.8 (6)		471	20.2 (4)	523	9.2 (1)
Cavalier	9	*	*	*	*	14	*	*	12	*	*	
Dickey	17	*	*	*	*	32	*	*	27	*	*	
Divide	0	*	*	*	*	3	*	*	2	*	*	
Dunn	3	*	*	*	*	5	*	*	3	*	*	
Eddy	4	*	*	*	*	7	*	*	4	*	*	
Emmons	11	*	*	*	*	13	*	*	12	*	*	
Foster	8	*	*	*	*	14	*	*	13	*	*	
Golden Val	0	*	*	*	*	0	*	*	0	*	*	
Grand Fork	258	91.1 (1)	0.0 (1)			471	46.7 (3)		448	24.6 (3)	357	9.2 (1)
Grant	4	*	*	*	*	5	*	*	4	*	*	
Griggs	5	*	*	*	*	6	*	*	6	*	*	
Hettinger	3	*	*	*	*	4	*	*	3	*	*	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 6B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators (2, 3)														
County	Medical Care					WIC Enrollment			Multivitamin Consumption					
	1st Trimester		No Care			1st Trimester			Pregpregnancy (4)			During Pregnancy (5)		
	Number	% (Rank)	% (Rank)			Number	% (Rank)		Number	% (Rank)		Number	% (Rank)	
Kidder	2	*	*	*	*	6	*	*	5	*	*	4	*	*
LaMoure	5	*	*	*	*	6	*	*	5	*	*	5	*	*
Logan	2	*	*	*	*	3	*	*	2	*	*	1	*	*
McHenry	5	*	*	*	*	14	*	*	13	*	*	10	*	*
McIntosh	9	*	*	*	*	16	*	*	17	*	*	14	*	*
McKenzie	5	*	*	*	*	6	*	*	6	*	*	4	*	*
McLean	17	*	*	*	*	24	*	*	24	*	*	19	*	*
Mercer	12	*	*	*	*	19	*	*	15	*	*	15	*	*
Morton	61	*	*	*	*	115	35.7	(9)	93	*	*	79	*	*
Mountrail	1	*	*	*	*	4	*	*	3	*	*	2	*	*
Nelson	6	*	*	*	*	8	*	*	7	*	*	6	*	*
Pembina	20	*	*	*	*	29	*	*	27	*	*	27	*	*
Pierce	13	*	*	*	*	20	*	*	19	*	*	17	*	*
Ramsey	81	*	*	*	*	113	46.0	(4)	101	24.8	(2)	90	*	*
Ransom	14	*	*	*	*	27	*	*	25	*	*	20	*	*
Renville	3	*	*	*	*	2	*	*	3	*	*	3	*	*
Richland	40	*	*	*	*	82	*	*	77	*	*	62	*	*
Rolette	187	81.8	(5)	0.0	(1)	298	58.4	(1)	287	12.5	(6)	214	2.3	(5)
Sargent	7	*	*	*	*	18	*	*	9	*	*	8	*	*
Sheridan	5	*	*	*	*	6	*	*	6	*	*	4	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 6B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators (2, 3)														
County	Medical Care					WIC Enrollment			Multivitamin Consumption					
	1st Trimester		No Care			1st Trimester			Pregpregnancy (4)		During Pregonancy (5)			
	Number	% (Rank)	% (Rank)			Number	% (Rank)		Number	% (Rank)	Number	% (Rank)		
Stark	70	*	*	*	*	114	40.4	(8)	99	*	*	80	*	*
Steele	2	*	*	*	*	4	*	*	4	*	*	2	*	*
Stutsman	65	*	*	*	*	88	*	*	87	*	*	81	*	*
Towner	0	*	*	*	*	2	*	*	1	*	*	1	*	*
Trall	21	*	*	*	*	32	*	*	32	*	*	11	*	*
Walsh	50	*	*	*	*	104	53.8	(2)	92	*	*	72	*	*
Ward	295	89.2	(3)	0.0	(1)	466	41.2	(7)	433	29.3	(1)	364	8.5	(3)
Wells	12	*	*	*	*	18	*	*	17	*	*	17	*	*
Williams	60	*	*	*	*	94	*	*	76	*	*	80	*	*
North Dakota	2,182	87.2		0.0		3,616	44.2		3,069	22.7		2,730	7.5	
Nation (Prior Year)	612,462	79.4		4.7		1,034,046	31.3		98,170	15.7		238,509	75.9	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 7B
2008 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal	Postpartum			
	Number	% (Rank)	Number	% (Rank)		Number	% (Rank)	Number	% (Rank)	
Adams	6	* *	8	* *	1	* *	6	* *	8	* *
Barnes	39	* *	41	* *	16	* *	38	* *	41	* *
Benson	96	* *	85	* *	37	* *	88	* *	82	* *
Bottineau	11	* *	15	* *	6	* *	11	* *	12	* *
Bowman	10	* *	10	* *	3	* *	9	* *	9	* *
Burke	4	* *	5	* *	1	* *	4	* *	5	* *
Burleigh	382	51.0 (6)	379	24.5 (4)	148	46.6 (1)	369	14.1 (1)	371	5.9 (1)
Cass	625	46.6 (3)	652	23.2 (3)	224	33.9 (4)	601	25.0 (5)	598	16.1 (5)
Cavalier	14	* *	5	* *	3	* *	12	* *	5	* *
Dickey	27	* *	27	* *	8	* *	27	* *	27	* *
Divide	1	* *	4	* *	1	* *	1	* *	5	* *
Dunn	3	* *	3	* *	0	* *	3	* *	2	* *
Eddy	4	* *	7	* *	2	* *	4	* *	7	* *
Emmons	12	* *	15	* *	0	* *	12	* *	14	* *
Foster	14	* *	14	* *	3	* *	14	* *	14	* *

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 7B
2008 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2, 3)								
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household		
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum
	Number	% (Rank)	Number	% (Rank)		Number	% (Rank)	Number
Golden Val	0	* *	1	* *	0	* *	0	* *
Grand Fork	440	47.5 (5)	404	19.8 (1)	126	38.1 (2)	425	17.2 (2)
Grant	4	* *	5	* *	0	* *	4	* *
Griggs	6	* *	8	* *	2	* *	5	* *
Hettinger	4	* *	2	* *	0	* *	4	* *
Kidder	5	* *	6	* *	2	* *	5	* *
LaMoure	5	* *	6	* *	2	* *	5	* *
Logan	3	* *	3	* *	0	* *	3	* *
McHenry	7	* *	16	* *	2	* *	13	* *
McIntosh	17	* *	9	* *	1	* *	16	* *
McKenzie	6	* *	4	* *	1	* *	5	* *
McLean	24	* *	22	* *	6	* *	24	* *
Mercer	16	* *	16	* *	10	* *	16	* *
Morton	90	* *	94	* *	40	* *	87	* *
Mountrail	3	* *	3	* *	0	* *	3	* *

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 7B
2008 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal	Postpartum			
	Number	% (Rank)	Number	% (Rank)		Number	% (Rank)	Number	% (Rank)	
Nelson	8	* *	7	* *	1	* *	7	* *	6	* *
Pembina	28	* *	24	* *	9	* *	27	* *	24	* *
Pierce	18	* *	15	* *	3	* *	18	* *	15	* *
Ramsey	103	46.6 (3)	101	27.7 (5)	37	* *	99	* *	99	* *
Ransom	21	* *	31	* *	6	* *	26	* *	31	* *
Renville	3	* *	2	* *	0	* *	3	* *	3	* *
Richland	78	* *	70	* *	30	* *	75	* *	68	* *
Rolette	284	65.5 (7)	259	38.2 (6)	151	23.2 (5)	281	24.9 (4)	258	9.7 (3)
Sargent	9	* *	15	* *	3	* *	9	* *	15	* *
Sheridan	6	* *	8	* *	1	* *	6	* *	6	* *
Stark	100	43.0 (2)	95	* *	33	* *	92	* *	94	* *
Steele	2	* *	2	* *	0	* *	3	* *	2	* *
Stutsman	89	* *	83	* *	27	* *	84	* *	77	* *
Towner	1	* *	2	* *	0	* *	1	* *	2	* *
Traill	29	* *	26	* *	7	* *	27	* *	26	* *

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 7B
2008 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Smoking Indicators by County

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)		Number	% (Rank)	Number	% (Rank)	
Walsh	91	* *	76	* *	20	* *	89	* *	72	* *
Ward	424	40.1 (1)	408	22.5 (2)	116	37.9 (3)	409	18.6 (3)	401	10.0 (4)
Wells	17	* *	12	* *	4	* *	17	* *	11	* *
Williams	89	* *	65	* *	27	* *	87	* *	56	* *
North Dakota	3,278	48.1	3,170	24.4	1,120	34.5	3,174	21.7	3,036	12.1
Nation (Prior Year)	895,227	26.6	716,629	15.8	161,864	35.1	572,120	20.9	486,636	22.6

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 8B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County

Comparison of Infant Health Indicators (2, 3)											
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)								
	Number	% (Rank)	% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	
Adams	1	*	*	*	*	1	*	*	1	*	*
Barnes	35	*	*	*	*	31	*	*	24	*	*
Benson	72	*	*	*	*	52	*	*	44	*	*
Bottineau	2	*	*	*	*	2	*	*	0	*	*
Bowman	7	*	*	*	*	7	*	*	7	*	*
Burke	5	*	*	*	*	2	*	*	1	*	*
Burleigh	329	10.0 (4)	5.2 (1)			312	13.1 (4)		270	1.5 (2)	
Cass	266	12.0 (5)	9.0 (3)			241	12.4 (3)		211	4.7 (5)	
Cavalier	3	*	*	*	*	3	*	*	3	*	*
Dickey	24	*	*	*	*	21	*	*	20	*	*
Divide	2	*	*	*	*	2	*	*	2	*	*
Dunn	0	*	*	*	*	0	*	*	0	*	*
Eddy	5	*	*	*	*	5	*	*	4	*	*
Emmons	12	*	*	*	*	9	*	*	9	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 8B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County

Comparison of Infant Health Indicators (2, 3)														
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed				
	Low (4)		High (5)											
	Number	% (Rank)		% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)			
Foster	11	*	*	*	*	6	*	*	4	*	*	11	*	*
Golden Val	1	*	*	*	*	0	*	*	0	*	*	1	*	*
Grand Fork	231	6.5	(1)	7.8	(2)	176	10.8	(2)	154	2.6	(3)	243	34.6	(2)
Grant	5	*	*	*	*	5	*	*	5	*	*	5	*	*
Griggs	3	*	*	*	*	2	*	*	2	*	*	3	*	*
Hettinger	1	*	*	*	*	1	*	*	1	*	*	1	*	*
Kidder	6	*	*	*	*	5	*	*	5	*	*	6	*	*
LaMoure	6	*	*	*	*	6	*	*	5	*	*	6	*	*
Logan	0	*	*	*	*	0	*	*	0	*	*	0	*	*
McHenry	13	*	*	*	*	11	*	*	8	*	*	14	*	*
McIntosh	0	*	*	*	*	0	*	*	0	*	*	0	*	*
McKenzie	0	*	*	*	*	0	*	*	0	*	*	0	*	*
McLean	16	*	*	*	*	14	*	*	12	*	*	16	*	*
Mercer	14	*	*	*	*	14	*	*	11	*	*	14	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 8B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County

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Comparison of Infant Health Indicators (2, 3)											
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)								
	Number	% (Rank)	% (Rank)			Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Morton	84	*	*	*	*	76	*	*	65	*	*
Mountrail	2	*	*	*	*	0	*	*	0	*	*
Nelson	7	*	*	*	*	4	*	*	3	*	*
Pembina	13	*	*	*	*	11	*	*	11	*	*
Pierce	10	*	*	*	*	10	*	*	10	*	*
Ramsey	74	*	*	*	*	71	*	*	65	*	*
Ransom	9	*	*	*	*	6	*	*	4	*	*
Renville	3	*	*	*	*	2	*	*	2	*	*
Richland	33	*	*	*	*	25	*	*	25	*	*
Rolette	140	9.3	(3)	13.6	(5)	133	14.3	(5)	112	4.5	(4)
Sargent	14	*	*	*	*	13	*	*	10	*	*
Sheridan	7	*	*	*	*	5	*	*	5	*	*
Stark	51	*	*	*	*	41	*	*	35	*	*
Steele	1	*	*	*	*	1	*	*	1	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 8B
2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County

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Comparison of Infant Health Indicators (2, 3)														
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed				
	Low (4)		High (5)											
	Number	% (Rank)		% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)			
Stutsman	40	*	*	*	*	31	*	*	28	*	*	41	*	*
Towner	1	*	*	*	*	1	*	*	0	*	*	1	*	*
Traill	17	*	*	*	*	14	*	*	14	*	*	18	*	*
Walsh	61	*	*	*	*	56	*	*	49	*	*	64	*	*
Ward	252	8.7	(2)	10.3	(4)	180	10.0	(1)	161	1.2	(1)	258	26.4	(4)
Wells	10	*	*	*	*	10	*	*	9	*	*	11	*	*
Williams	3	*	*	*	*	3	*	*	3	*	*	3	*	*
North Dakota	1,902	8.7		9.5		1,621	12.3		1,415	3.0		1,970	32.8	
Nation (Prior Year)	1,039,036	8.2		6.7		947,705	11.9		856,467	3.7		936,194	64.6	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 3B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by County
Combined 3 Years

Comparison of Racial and Ethnic Distribution ⁽²⁾								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Adams	18	*	*	*	*	*	*	*
Barnes	82	*	*	*	*	*	*	*
Benson	255	6.3	0.0	1.2	90.6	0.8	1.2	0.0
Bottineau	35	*	*	*	*	*	*	*
Bowman	27	*	*	*	*	*	*	*
Burke	10	*	*	*	*	*	*	*
Burleigh	955	66.9	0.8	4.8	23.6	0.8	3.0	0.0
Cass	1,646	73.5	11.1	5.8	5.5	2.1	1.7	0.4
Cavalier	27	*	*	*	*	*	*	*
Dickey	65	*	*	*	*	*	*	*
Divide	13	*	*	*	*	*	*	*
Dunn	8	*	*	*	*	*	*	*
Eddy	14	*	*	*	*	*	*	*
Emmons	50	*	*	*	*	*	*	*
Foster	41	*	*	*	*	*	*	*
Golden Val	7	*	*	*	*	*	*	*
Grand Fork	1,205	70.1	4.2	10.0	10.1	1.7	3.7	0.0
Grant	9	*	*	*	*	*	*	*
Griggs	22	*	*	*	*	*	*	*
Hettinger	6	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 3B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by County
Combined 3 Years

Comparison of Racial and Ethnic Distribution ⁽²⁾								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Kidder	20	*	*	*	*	*	*	*
LaMoure	22	*	*	*	*	*	*	*
Logan	7	*	*	*	*	*	*	*
McHenry	31	*	*	*	*	*	*	*
McIntosh	37	*	*	*	*	*	*	*
McKenzie	13	*	*	*	*	*	*	*
McLean	57	*	*	*	*	*	*	*
Mercer	39	*	*	*	*	*	*	*
Morton	250	75.2	0.4	4.0	16.4	1.6	2.4	0.0
Mountrail	9	*	*	*	*	*	*	*
Nelson	21	*	*	*	*	*	*	*
Pembina	75	*	*	*	*	*	*	*
Pierce	41	*	*	*	*	*	*	*
Ramsey	214	60.7	0.5	4.2	28.0	0.9	5.6	0.0
Ransom	75	*	*	*	*	*	*	*
Renville	6	*	*	*	*	*	*	*
Richland	196	73.5	0.5	14.8	8.7	2.0	0.5	0.0
Rolette	603	4.3	0.0	4.5	87.9	0.5	2.5	0.3
Sargent	35	*	*	*	*	*	*	*
Sheridan	17	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 3B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by County
Combined 3 Years

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Comparison of Racial and Ethnic Distribution ⁽²⁾								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Stark	256	85.2	0.8	9.4	3.5	0.4	0.8	0.0
Steele	9	*	*	*	*	*	*	*
Stutsman	220	88.6	0.0	10.0	0.9	0.5	0.0	0.0
Towner	10	*	*	*	*	*	*	*
Traill	90	*	*	*	*	*	*	*
Walsh	224	60.3	0.4	34.8	3.6	0.4	0.4	0.0
Ward	1,125	75.6	3.0	7.4	7.7	1.7	4.3	0.3
Wells	28	*	*	*	*	*	*	*
Williams	257	78.2	0.0	4.3	8.2	0.4	8.6	0.4
North Dakota	8,482	67.6	3.4	7.5	17.5	1.2	2.7	0.2

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 4B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by County
Combined 3 Years

Comparison of Age Distribution ⁽²⁾								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Adams	18	*	*	*	*	*	*	*
Barnes	82	*	*	*	*	*	*	*
Benson	255	1.6	12.5	19.2	52.5	12.9	1.2	0.0
Bottineau	35	*	*	*	*	*	*	*
Bowman	27	*	*	*	*	*	*	*
Burke	10	*	*	*	*	*	*	*
Burleigh	955	0.0	4.7	13.5	67.7	13.0	0.9	0.1
Cass	1,646	0.2	3.8	12.5	66.6	15.8	1.1	0.0
Cavalier	27	*	*	*	*	*	*	*
Dickey	65	*	*	*	*	*	*	*
Divide	13	*	*	*	*	*	*	*
Dunn	8	*	*	*	*	*	*	*
Eddy	14	*	*	*	*	*	*	*
Emmons	50	*	*	*	*	*	*	*
Foster	41	*	*	*	*	*	*	*
Golden Val	7	*	*	*	*	*	*	*
Grand Fork	1,205	0.1	3.6	11.8	69.3	14.1	1.2	0.0
Grant	9	*	*	*	*	*	*	*
Griggs	22	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 4B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by County
Combined 3 Years

Comparison of Age Distribution ⁽²⁾								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Hettinger	6	*	*	*	*	*	*	*
Kidder	20	*	*	*	*	*	*	*
LaMoure	22	*	*	*	*	*	*	*
Logan	7	*	*	*	*	*	*	*
McHenry	31	*	*	*	*	*	*	*
McIntosh	37	*	*	*	*	*	*	*
McKenzie	13	*	*	*	*	*	*	*
McLean	57	*	*	*	*	*	*	*
Mercer	39	*	*	*	*	*	*	*
Morton	250	0.0	3.6	12.0	66.8	17.2	0.4	0.0
Mountrail	9	*	*	*	*	*	*	*
Nelson	21	*	*	*	*	*	*	*
Pembina	75	*	*	*	*	*	*	*
Pierce	41	*	*	*	*	*	*	*
Ramsey	214	0.5	6.5	17.3	60.3	14.0	1.4	0.0
Ransom	75	*	*	*	*	*	*	*
Renville	6	*	*	*	*	*	*	*
Richland	196	0.0	4.1	12.8	69.4	13.8	0.0	0.0
Rolette	603	0.7	9.8	15.8	60.7	12.4	0.7	0.0

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 4B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by County
Combined 3 Years

Comparison of Age Distribution ⁽²⁾								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Sargent	35	*	*	*	*	*	*	*
Sheridan	17	*	*	*	*	*	*	*
Stark	256	0.0	4.3	11.7	66.8	14.5	2.3	0.4
Steele	9	*	*	*	*	*	*	*
Stutsman	220	0.5	6.4	14.1	62.3	15.9	0.9	0.0
Towner	10	*	*	*	*	*	*	*
Traill	90	*	*	*	*	*	*	*
Walsh	224	0.0	8.9	12.5	57.6	19.6	1.3	0.0
Ward	1,125	0.0	4.0	11.9	71.1	12.6	0.4	0.0
Wells	28	*	*	*	*	*	*	*
Williams	257	0.0	5.4	12.8	68.1	12.8	0.8	0.0
North Dakota	8,482	0.2	5.0	12.8	66.2	14.9	1.0	0.0

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 5B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Health Indicators by County
Combined 3 Years

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Run Date: 11 / 10 / 09

Comparison of Maternal Health Indicators (2, 3)												
County	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum			
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)		
Adams	17	* *	* *	15	* *	* *	2	* *	9	* *	16	* *
Barnes	68	* *	* *	62	* *	* *	17	* *	68	* *	76	* *
Benson	214	7.9 (5)	45.3 (1)	175	13.7 (1)	50.9 (10)	44	* *	65	* *	199	6.0 (7)
Bottineau	28	* *	* *	25	* *	* *	9	* *	28	* *	31	* *
Bowman	24	* *	* *	23	* *	* *	4	* *	21	* *	23	* *
Burke	6	* *	* *	5	* *	* *	1	* *	7	* *	8	* *
Burleigh	855	9.6 (11)	47.1 (3)	739	19.9 (11)	45.7 (2)	142	26.1 (2)	725	19.3 (6)	781	7.2 (10)
Cass	1,373	8.4 (8)	47.9 (5)	1,158	20.7 (13)	46.0 (3)	258	29.1 (3)	1,224	23.4 (8)	1,339	4.9 (5)
Cavalier	26	* *	* *	17	* *	* *	2	* *	8	* *	13	* *
Dickey	56	* *	* *	49	* *	* *	11	* *	50	* *	45	* *
Divide	10	* *	* *	9	* *	* *	1	* *	11	* *	11	* *
Dunn	8	* *	* *	7	* *	* *	0	* *	0	* *	5	* *
Eddy	13	* *	* *	13	* *	* *	3	* *	11	* *	13	* *
Emmons	42	* *	* *	39	* *	* *	5	* *	22	* *	43	* *
Foster	33	* *	* *	29	* *	* *	6	* *	26	* *	34	* *
Golden Val	6	* *	* *	4	* *	* *	0	* *	5	* *	4	* *
Grand Fork	913	7.1 (2)	49.0 (7)	672	15.2 (5)	52.5 (13)	165	30.3 (4)	726	26.7 (10)	834	4.0 (2)

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(5) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 5B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Health Indicators by County
Combined 3 Years

Comparison of Maternal Health Indicators (2, 3)												
County	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)			Gestational Diabetes During Pregnancy	Hypertension During Pregnancy	
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum			
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Grant	9	* *	* *	6	* *	* *	0	* *	7	* *	8	* *
Griggs	18	* *	* *	15	* *	* *	3	* *	11	* *	20	* *
Hettinger	6	* *	* *	4	* *	* *	0	* *	2	* *	3	* *
Kidder	15	* *	* *	13	* *	* *	3	* *	16	* *	18	* *
LaMoure	18	* *	* *	13	* *	* *	1	* *	14	* *	14	* *
Logan	6	* *	* *	6	* *	* *	1	* *	3	* *	6	* *
McHenry	26	* *	* *	23	* *	* *	3	* *	22	* *	28	* *
McIntosh	33	* *	* *	28	* *	* *	8	* *	13	* *	8	* *
McKenzie	11	* *	* *	10	* *	* *	1	* *	8	* *	10	* *
McLean	41	* *	* *	36	* *	* *	12	* *	45	* *	47	* *
Mercer	35	* *	* *	29	* *	* *	6	* *	30	* *	34	* *
Morton	210	7.1 (2)	49.5 (8)	163	16.6 (7)	46.0 (3)	38	* *	184	16.8 (5)	198	6.6 (8)
Mountrail	7	* *	* *	4	* *	* *	0	* *	5	* *	6	* *
Nelson	15	* *	* *	15	* *	* *	5	* *	15	* *	16	* *
Pembina	66	* *	* *	56	* *	* *	14	* *	35	* *	62	* *
Pierce	38	* *	* *	32	* *	* *	5	* *	30	* *	36	* *
Ramsey	193	11.9 (13)	50.3 (10)	176	14.8 (3)	48.9 (7)	32	* *	173	28.9(12)	184	3.3 (1)

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(5) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 5B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Health Indicators by County
Combined 3 Years

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Comparison of Maternal Health Indicators (2, 3)												
County	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum			
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)		
Ransom	61	* *	* *	54	* *	* *	13	* *	47	* *	65	* *
Renville	4	* *	* *	4	* *	* *	0	* *	2	* *	6	* *
Richland	156	9.6 (11)	50.0 (9)	117	14.5 (2)	47.0 (5)	24	* *	112	27.7 (11)	148	9.5 (4)
Rolette	560	6.8 (1)	55.9 (12)	520	17.7 (9)	49.0 (8)	51	* *	434	25.8 (9)	519	5.0 (6)
Sargent	34	* *	* *	30	* *	* *	5	* *	24	* *	28	* *
Sheridan	14	* *	* *	11	* *	* *	1	* *	8	* *	10	* *
Stark	230	7.4 (4)	47.8 (4)	199	17.6 (8)	51.8 (11)	55	* *	116	16.4 (4)	193	4.7 (4)
Steele	8	* *	* *	8	* *	* *	4	* *	6	* *	3	* *
Stutsman	183	8.2 (7)	48.6 (6)	149	14.8 (3)	52.3 (12)	31	* *	148	14.9 (3)	169	9.5 (12)
Towner	7	* *	* *	5	* *	* *	0	* *	6	* *	7	* *
Traill	63	* *	* *	28	* *	* *	9	* *	45	* *	51	* *
Walsh	203	8.4 (8)	57.6 (13)	172	20.3 (12)	48.8 (6)	30	* *	130	20.0 (7)	159	6.9 (9)
Ward	927	9.1 (10)	45.7 (2)	762	16.4 (6)	49.9 (9)	184	20.7 (1)	769	13.7 (2)	870	4.4 (3)
Wells	28	* *	* *	25	* *	* *	1	* *	21	* *	22	* *
Williams	201	8.0 (6)	51.7 (11)	167	18.6 (10)	44.9 (1)	68	* *	169	8.3 (1)	181	7.2 (10)
North Dakota	7,118	8.3	49.3	5,921	17.6	48.6	1,278	25.6	5,656	20.8	6,604	5.4
											6,602	10.3

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(5) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 6B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Behavioral Indicators by County
Combined 3 Years

Comparison of Maternal Behavioral Indicators (2, 3)												
County	Medical Care					WIC Enrollment		Multivitamin Consumption				
	1st Trimester		No Care			1st Trimester		Pregpregnancy (4)		During Pregonancy (5)		
	Number	% (Rank)	% (Rank)			Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	
Adams	12	*	*	*	*	15	*	*	9	*	*	
Barnes	43	*	*	*	*	66	*	*	64	*	*	
Benson	171	64.9 (12)	0.0 (1)			202	30.2 (13)		152	17.8 (12)	153	2.6 (13)
Bottineau	20	*	*	*	*	30	*	*	27	*	*	
Bowman	17	*	*	*	*	21	*	*	15	*	*	
Burke	4	*	*	*	*	6	*	*	8	*	*	
Burleigh	497	88.1 (4)	0.0 (1)			829	43.9 (7)		715	19.0 (9)	535	5.8 (9)
Cass	789	83.8 (9)	0.0 (1)			1,329	42.3 (11)		1,009	18.3 (11)	898	9.9 (1)
Cavalier	13	*	*	*	*	24	*	*	20	*	*	
Dickey	31	*	*	*	*	57	*	*	48	*	*	
Divide	6	*	*	*	*	9	*	*	5	*	*	
Dunn	4	*	*	*	*	8	*	*	6	*	*	
Eddy	7	*	*	*	*	13	*	*	9	*	*	
Emmons	29	*	*	*	*	41	*	*	36	*	*	
Foster	23	*	*	*	*	33	*	*	30	*	*	
Golden Val	1	*	*	*	*	4	*	*	2	*	*	
Grand Fork	514	89.9 (2)	0.0 (1)			915	47.5 (4)		869	23.1 (5)	621	7.2 (7)
Grant	6	*	*	*	*	8	*	*	6	*	*	
Griggs	12	*	*	*	*	17	*	*	18	*	*	
Hettinger	3	*	*	*	*	5	*	*	4	*	*	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 6B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Behavioral Indicators by County
Combined 3 Years

Comparison of Maternal Behavioral Indicators (2, 3)												
County	Medical Care					WIC Enrollment		Multivitamin Consumption				
	1st Trimester		No Care			1st Trimester		Prepregnancy (4)		During Pregnancy (5)		
	Number	% (Rank)	% (Rank)			Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	
Kidder	12	*	*	*	*	16	*	*	17	*	*	
LaMoure	13	*	*	*	*	16	*	*	13	*	*	
Logan	4	*	*	*	*	5	*	*	4	*	*	
McHenry	10	*	*	*	*	22	*	*	22	*	*	
McIntosh	19	*	*	*	*	32	*	*	31	*	*	
McKenzie	7	*	*	*	*	11	*	*	10	*	*	
McLean	30	*	*	*	*	43	*	*	41	*	*	
Mercer	23	*	*	*	*	35	*	*	30	*	*	
Morton	124	87.1 (6)	0.0 (1)			211	41.2 (12)		178	19.7 (8)	140	7.9 (5)
Mountrail	3	*	*	*	*	7	*	*	6	*	*	
Nelson	14	*	*	*	*	16	*	*	15	*	*	
Pembina	49	*	*	*	*	65	*	*	63	*	*	
Pierce	25	*	*	*	*	36	*	*	35	*	*	
Ramsey	136	87.5 (5)	0.0 (1)			187	43.9 (7)		169	22.5 (7)	134	4.5 (10)
Ransom	36	*	*	*	*	59	*	*	56	*	*	
Renville	5	*	*	*	*	4	*	*	5	*	*	
Richland	87	*	*	*	*	161	52.8 (3)		146	25.3 (4)	112	7.1 (8)
Rolette	376	81.4 (11)	0.0 (1)			562	58.5 (1)		547	11.3 (13)	370	2.7 (12)
Sargent	16	*	*	*	*	30	*	*	19	*	*	
Sheridan	10	*	*	*	*	14	*	*	13	*	*	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 6B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Behavioral Indicators by County
Combined 3 Years

Comparison of Maternal Behavioral Indicators ^(2, 3)										
County	Medical Care					WIC Enrollment			Multivitamin Consumption	
	1st Trimester		No Care			1st Trimester			Prepregnancy (4)	During Pregnancy (5)
	Number	% (Rank)	% (Rank)	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)
Stark	126	89.7 (3)	0.0 (1)			206	43.7 (9)		185	28.6 (2)
Steele	5	* *	* *			7	* *		7	* *
Stutsman	128	92.2 (1)	0.0 (1)			181	44.8 (5)		173	29.5 (1)
Towner	2	* *	* *			6	* *		5	* *
Traill	43	* *	* *			63	* *		68	* *
Walsh	107	82.2 (10)	0.0 (1)			203	56.7 (2)		179	18.4 (10)
Ward	562	86.1 (8)	0.0 (1)			916	44.5 (6)		849	26.9 (3)
Wells	19	* *	* *			26	* *		25	* *
Williams	140	86.4 (7)	0.0 (1)			204	43.1 (10)		133	22.6 (6)
North Dakota	4,333	85.9	0.0			6,976	45.6		6,096	22.3
									4,748	7.4

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 7B
2006 - 2008 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Smoking Indicators by County
Combined 3 Years

Comparison of Smoking Indicators (2, 3)							
County	Smoking		Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household			
	3 Months Prior to Pregnancy	Last 3 Months of Pregnancy		Prenatal	Postpartum		
	Number % (Rank)	Number % (Rank)	Number % (Rank)	Number % (Rank)	Number % (Rank)		
Adams	12* * 	13* * 	2* * 	10* * 	15* * 		
Barnes	63* * 	77* * 	28* * 	59* * 	77* * 		
Benson	20461.3 (11) 	20035.0 (10) 	79* * 	16234.6 (12) 	19122.0 (12) 		
Bottineau	28* * 	31* * 	10* * 	25* * 	28* * 		
Bowman	19* * 	23* * 	4* * 	17* * 	22* * 		
Burke	8* * 	8* * 	1* * 	6* * 	8* * 		
Burleigh	72153.3 (8) 	77824.8 (6) 	26445.5 (1) 	61213.2 (1) 	7644.8 (1) 		
Cass	1,20845.6 (4) 	1,32824.2 (5) 	38831.7 (4) 	1,04125.1 (10) 	1,23119.0 (10) 		
Cavalier	22* * 	13* * 	4* * 	18* * 	11* * 		
Dickey	48* * 	52* * 	8* * 	42* * 	52* * 		
Divide	7* * 	10* * 	3* * 	6* * 	11* * 		
Dunn	6* * 	5* * 	1* * 	6* * 	3* * 		
Eddy	9* * 	13* * 	5* * 	8* * 	12* * 		
Emmons	36* * 	43* * 	0* * 	26* * 	42* * 		
Foster	32* * 	35* * 	11* * 	30* * 	34* * 		

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) Among women who smoked 3 months prior to pregnancy.

* Percentages are not calculated if <100 records are available for analysis after exclusions.

Table 7B
2006 - 2008 Pregnancy Nutrition Surveillance (1)
North Dakota
Comparison of Smoking Indicators by County
Combined 3 Years

Comparison of Smoking Indicators (2, 3)							
County	Smoking		Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household			
	3 Months Prior to Pregnancy	Last 3 Months of Pregnancy		Prenatal	Postpartum		
	Number % (Rank)	Number % (Rank)	Number % (Rank)	Number % (Rank)	Number % (Rank)		
Golden Val	2 * *	4 * *	0 * *	2 * *	4 * *		
Grand Fork	874 47.5 (5)	875 20.2 (2)	232 39.7 (2)	722 15.8 (3)	830 9.5 (5)		
Grant	7 * *	8 * *	0 * *	7 * *	7 * *		
Griggs	18 * *	20 * *	6 * *	13 * *	19 * *		
Hettinger	5 * *	3 * *	0 * *	4 * *	3 * *		
Kidder	17 * *	18 * *	8 * *	15 * *	17 * *		
LaMoure	13 * *	19 * *	5 * *	10 * *	19 * *		
Logan	5 * *	6 * *	1 * *	5 * *	4 * *		
McHenry	16 * *	29 * *	6 * *	21 * *	29 * *		
McIntosh	32 * *	21 * *	4 * *	27 * *	21 * *		
McKenzie	10 * *	9 * *	3 * *	8 * *	7 * *		
McLean	41 * *	49 * *	11 * *	36 * *	44 * *		
Mercer	28 * *	33 * *	15 * *	26 * *	32 * *		
Morton	176 55.1 (9)	198 23.7 (4)	68 * *	153 23.5 (9)	191 11.5 (7)		
Mountrail	5 * *	5 * *	0 * *	3 * *	4 * *		

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2006 - 2008 Pregnancy Nutrition Surveillance (1)
North Dakota
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Combined 3 Years

Comparison of Smoking Indicators (2, 3)								
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household		
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal	Postpartum	
	Number	% (Rank)	Number	% (Rank)		Number	% (Rank)	Number
Nelson	16	* *	16	* *	5	* *	14	* *
Pembina	64	* *	62	* *	19	* *	56	* *
Pierce	34	* *	36	* *	5	* *	27	* *
Ramsey	172	50.0 (7)	188	31.4 (9)	61	* *	144	18.1 (5)
Ransom	51	* *	65	* *	19	* *	48	* *
Renville	5	* *	4	* *	0	* *	5	* *
Richland	147	59.2 (10)	149	38.3 (13)	57	* *	130	43.8 (13)
Rolette	538	65.8 (13)	525	38.1 (12)	271	26.9 (5)	467	25.1 (10)
Sargent	19	* *	28	* *	6	* *	15	* *
Sheridan	12	* *	12	* *	2	* *	10	* *
Stark	189	42.9 (3)	196	26.5 (7)	53	* *	152	23.0 (7)
Steele	5	* *	2	* *	0	* *	6	* *
Stutsman	175	48.0 (6)	170	26.5 (7)	59	* *	145	15.2 (2)
Towner	5	* *	7	* *	0	* *	4	* *
Traill	65	* *	50	* *	10	* *	44	* *

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North Dakota
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Combined 3 Years

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County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)		Number	% (Rank)	Number	% (Rank)	
Walsh	178	29.8 (1)	167	17.4 (1)	38	* *	158	17.1 (4)	162	9.3 (4)
Ward	829	39.3 (2)	872	21.7 (3)	218	35.3 (3)	709	19.2 (6)	850	13.1 (8)
Wells	25	* *	22	* *	8	* *	25	* *	20	* *
Williams	187	61.5 (12)	173	35.3 (11)	60	* *	152	23.0 (7)	156	16.0 (9)
North Dakota	6,388	48.1	6,670	25.2	2,058	34.5	5,431	21.5	6,391	13.6

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Table 8B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County
Combined 3 Years

Comparison of Infant Health Indicators (2, 3)											
County	Birthweight				Preterm (6)		Full Term LBW (7)		Ever Breastfed		
	Low (4)		High (5)								
	Number	% (Rank)	% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	
Adams	7	*	*	*	*	5	*	*	7	*	*
Barnes	60	*	*	*	*	48	*	*	60	*	*
Benson	179	5.6 (1)	19.0 (9)		132	18.2 (8)	108	0.9 (1)	185	5.4 (10)	
Bottineau	8	*	*	*	*	7	*	*	8	*	*
Bowman	16	*	*	*	*	13	*	*	16	*	*
Burke	7	*	*	*	*	3	*	*	7	*	*
Burleigh	690	10.0 (8)	7.2 (1)		591	13.7 (6)	509	2.6 (4)	700	26.7 (5)	
Cass	499	10.4 (9)	10.6 (4)		432	13.4 (5)	374	3.7 (7)	509	36.7 (1)	
Cavalier	10	*	*	*	*	8	*	*	11	*	*
Dickey	41	*	*	*	*	34	*	*	41	*	*
Divide	8	*	*	*	*	6	*	*	8	*	*
Dunn	0	*	*	*	*	0	*	*	0	*	*
Eddy	9	*	*	*	*	9	*	*	10	*	*
Emmons	38	*	*	*	*	30	*	*	38	*	*

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(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

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Table 8B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County
Combined 3 Years

Comparison of Infant Health Indicators (2, 3)														
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed				
	Low (4)		High (5)											
	Number	% (Rank)		% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)			
Foster	29	*	*	*	*	23	*	*	21	*	*	29	*	*
Golden Val	4	*	*	*	*	1	*	*	0	*	*	4	*	*
Grand Fork	445	6.1	(3)	9.0	(3)	319	12.2	(4)	277	2.2	(3)	460	29.8	(3)
Grant	7	*	*	*	*	6	*	*	6	*	*	7	*	*
Griggs	10	*	*	*	*	7	*	*	7	*	*	10	*	*
Hettinger	2	*	*	*	*	1	*	*	1	*	*	2	*	*
Kidder	16	*	*	*	*	14	*	*	13	*	*	16	*	*
LaMoure	14	*	*	*	*	10	*	*	9	*	*	14	*	*
Logan	1	*	*	*	*	0	*	*	0	*	*	1	*	*
McHenry	25	*	*	*	*	17	*	*	14	*	*	26	*	*
McIntosh	1	*	*	*	*	1	*	*	1	*	*	1	*	*
McKenzie	1	*	*	*	*	1	*	*	1	*	*	1	*	*
McLean	35	*	*	*	*	23	*	*	20	*	*	35	*	*
Mercer	30	*	*	*	*	27	*	*	23	*	*	30	*	*

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Table 8B
2006 - 2008 Pregnancy Nutrition Surveillance ⁽¹⁾
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Combined 3 Years

Comparison of Infant Health Indicators (2, 3)											
County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)								
	Number	% (Rank)	% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	
Morton	181	9.9 (7)	8.3 (2)			146	14.4 (7)	125	3.2 (6)	185	27.0 (4)
Mountrail	3	*	*	*	*	1	*	*	1	*	*
Nelson	10	*	*	*	*	6	*	*	5	*	*
Pembina	35	*	*	*	*	29	*	*	26	*	*
Pierce	27	*	*	*	*	24	*	*	22	*	*
Ramsey	142	8.5 (5)	13.4 (8)			120	9.2 (1)	109	2.8 (5)	145	24.1 (8)
Ransom	32	*	*	*	*	24	*	*	21	*	*
Renville	6	*	*	*	*	4	*	*	3	*	*
Richland	76	*	*	*	*	62	*	*	58	*	*
Rolette	284	9.2 (6)	12.7 (7)			263	11.8 (3)	230	3.9 (8)	308	19.5 (9)
Sargent	26	*	*	*	*	21	*	*	18	*	*
Sheridan	9	*	*	*	*	7	*	*	7	*	*
Stark	97	*	*	*	*	73	*	*	63	*	*
Steele	1	*	*	*	*	1	*	*	1	*	*

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North Dakota
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County	Birthweight					Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)								
	Number	% (Rank)	% (Rank)			Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Stutsman	58	*	*	*	*	46	*	*	43	*	*
Towner	5	*	*	*	*	3	*	*	2	*	*
Traill	30	*	*	*	*	16	*	*	15	*	*
Walsh	102	5.9	(2)	11.8	(6)	92	*	*	81	*	*
Ward	490	8.0	(4)	10.6	(4)	364	11.0	(2)	323	1.9	(2)
Wells	18	*	*	*	*	16	*	*	14	*	*
Williams	8	*	*	*	*	6	*	*	5	*	*
North Dakota	3,832	8.3		10.6		3,092	12.5		2,699	2.9	

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